

From: [Ex. 4 - CBI]
Sent: 7/12/2012 10:50:09 AM
To: "Kelley Chase/R3/USEPA/US@EPA" <Chase.Kelley@epamail.epa.gov>
CC: [Ex. 4 - CBI]
Subject: FW: EXTERNAL: ADDITIONAL - OASQA Comments on SERAS Validation Procedures

Kelley:

Re: Dave Russell's comments regarding the HPC/ Fecal Coliforms/E. coli qualifications.

Changes will be made to our Data Validation procedures as follows:

The method and field blank action table headings will be changed from Method/Field blank action for HPC/FC to Method/Field blank action for HPC/E coli.

Regarding the method blank qualifications based on the method blank being \geq the reporting limit (RL) or if no method blank was analyzed, SERAS data validation does not have access to the referenced document SDWA Laboratory Certification manual. Therefore, SERAS will continue to validate these data quality issues based on our procedures.

I will be editing our data validation procedural table this afternoon and will be sending them to you by the end of the day.

Thanks,

[Ex. 4 - CBI]

From: [Ex. 4 - CBI]
Sent: Tuesday, July 03, 2012 10:01 PM
To: [Ex. 4 - CBI]
Subject: FW: EXTERNAL: ADDITIONAL - OASQA Comments on SERAS Validation Procedures

[Ex. 4 - CBI]

Please verify that the information provided by Dave Russell matches the validation table you gave me for Dimock micro data. Let me know ASAP on Thursday what changes if any need to be made.
Thanks.

[Ex. 4 - CBI]

From: Kelley Chase [mailto:Chase.Kelley@epamail.epa.gov]
Sent: Tuesday, July 03, 2012 12:04 PM
To: [Ex. 4 - CBI]
Cc: Cynthia Caporale; Richard Fetzer; Gerald Heston
Subject: EXTERNAL: ADDITIONAL - OASQA Comments on SERAS Validation Procedures

Hi [Ex. 4 - CBI]

I am forwarding a few additional comments that pertain to the micro discussion in your technical outline of the data assessment procedures used to review the data for the Dimock Groundwater

project. I would appreciate it if you would review the attached comments, along with the earlier comments that I forwarded on June 7th, and revise the document, as necessary. I realize that this is a short week - but we are hoping that you would be able to make any necessary revisions and provide a final document via e-mail by COB next Tuesday 7/10/12.

Please do not hesitate to contact us with any questions regarding these comments.

Thanks again for all your help - Kelley

cell - 267-273-8859

----- Forwarded by Kelley Chase/R3/USEPA/US on 07/03/2012 12:50 PM -----

From: Cynthia Caporale/ESC/R3/USEPA/US

To: Kelley Chase/R3/USEPA/US@EPA

Date: 06/08/2012 11:29 AM

Subject: Fw: Draft Final SERAS Data Validation Procedures Memo

Here's another set of comments for micro.

I'm taking a look at the technical summary now.

Cynthia Caporale, Chief

OASQA Laboratory Branch

U.S. EPA Region III

Environmental Science Center

Fort Meade, MD

(410) 305-2732

Fax: (410) 305-3095

----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 06/08/2012 10:27 AM -----

From: Dave Russell/ESC/R3/USEPA/US

To: Cynthia Caporale/ESC/R3/USEPA/US@EPA

Date: 06/07/2012 04:12 PM

Subject: Re: Fw: Draft Final SERAS Data Validation Procedures Memo

Sorry I did not have this to you sooner, but this afternoon's reboot took out my computer for 45 minutes.

Below is very important. The corrective action they stated for a contaminated method blank is wrong.

Comments:

Wherever "Fecal Coliforms" is used, it should be changed to "Fecal Coliforms/*E. coli*" since it is my understanding that current work is using a method that detects *E. coli* instead of Fecal Coliforms.

They are nearly the same thing, but not exactly. EPA documents use "Fecal Coliforms/*E. coli*".

p.6 :

Method Blank Action for HPC (Delete FC as the media for FC/*E. coli* is checked for sterility before the analysis is done. Media is not used if contaminated.)

if >= RL, the action is to reject the data See SM9020B(8)(a)(5) and the SDWA Lab Cert. Manual paragraph 5.5.11 ("Data should be rejected if control is contaminated.")

"No Associated Method Blank" Reject the data because QC needed to validate the results was not performed, i.e., method was not followed.

From: Cynthia Caporale/ESC/R3/USEPA/US

To: Dave Russell/ESC/R3/USEPA/US@EPA

Date: 06/07/2012 01:45 PM

Subject: Fw: Draft Final SERAS Data Validation Procedures Memo

Cynthia Caporale, Chief

OASQA Laboratory Branch

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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 06/07/2012 01:45 PM -----

From: Kelley Chase/R3/USEPA/US

To: Cynthia Caporale/ESC/R3/USEPA/US@EPA

Cc: Richard Fetzer/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA

Date: 06/05/2012 10:59 AM

Subject: Fw: Draft Final SERAS Data Validation Procedures Memo

Hi Cindy -

I am forwarding the attached draft memo which was prepared by **Ex. 4 - CBI** (SERAS) to provide a highly technical discussion of the project level review. The memo specifically focuses on SERAS's data review and validation procedures. While this is the contractor's work product, we would like the QASQA Branch to review the memo and let us know whether you have any comments or questions - especially where the lab's process/role is referenced.

I will also be forwarding two companion pieces to SERAS's memo later today - hopefully by 2 pm. One is a 5 page draft memo which provides a technical summary of the overall data collection, validation and review process for this project. While it is still a technical document, we are trying to make it somewhat user friendly while assuring that it remains technically accurate. You will see where we really need OASQA's input. The other document is a draft executive summary of the data process. We are requesting that QASQA review all 3 documents. As usual - there is a tight turn-around on the review. We need your initial comments no later than 2 pm on Thursday June 7th. We must forward the documents to the HQs EU on Friday June 8th - any would like the lab's input prior to sending the documents to HQs,

I am in a training class this week - but am stepping out as necessary to work on this matter. Please do not hesitate to contact me with any questions.

Thanks - Kelley

cell - 267-273-8859

----- Forwarded by Kelley Chase/R3/USEPA/US on 06/05/2012 10:31 AM -----

From: **Ex. 4 - CBI**

To: Kelley Chase/R3/USEPA/US@EPA

Cc: Gary Newhart/CI/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, **Ex. 4 - CBI**

Ex. 4 - CBI

Ex. 4 - CBI

Date: 05/30/2012 02:02 PM

Subject: Draft Final SERAS Data Validation Procedures Memo

.....is attached for any final comments and/or suggestions. Kelley.....have you forwarded the memo on to Cindy Caporale for her comments?

Ex. 4 - CBI

Lockheed Martin

Scientific, Engineering, Response and Analytical Services (SERAS)

Ex. 4 - CBI

[attachment "SERAS Data Validation Criteria_053012_Draft.docx" deleted by Dave Russell/ESC/R3/USEPA/US]